

# इंटरनेट

# मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 4007-2-2 (1983): Terminals for electronic equipment, Part 2: Details specification for terminals, Section 2: Terminal non-insulated, with insulated captive screw cap, type TSC 2 [LITD 3: Electromechanical COmponents and Mechnical Structures for Electronic Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard



SPECIFICATION FOR  
TERMINALS FOR ELECTRONIC EQUIPMENT

PART 2 DETAIL SPECIFICATION FOR TERMINALS

Section 2 Terminal, Non-Insulated, with Insulated Captive Screw  
Cap, Type TSC 2

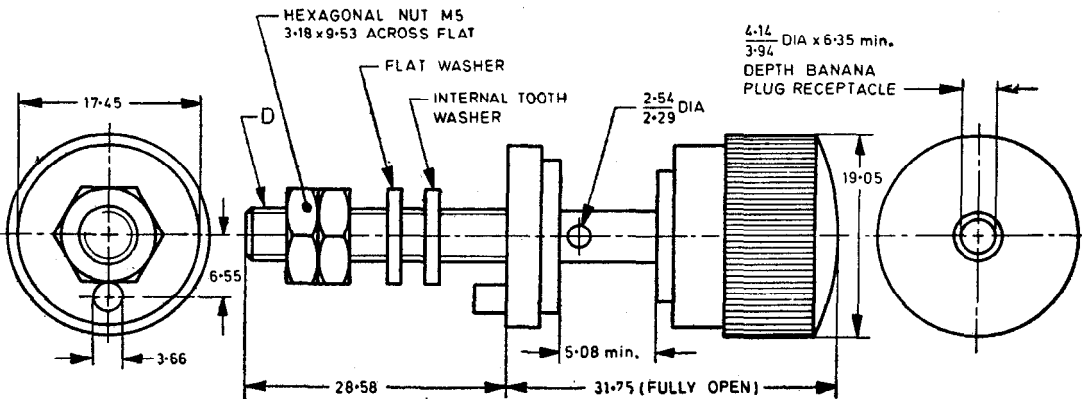
1. **Scope** — This standard ( Part 2/Sec 2 ) covers detail requirements of terminals, non-insulated, with insulated captive screw cap type TSC 2 and shall be read in conjunction with IS : 4007 ( Part 1 ) - 1982 ' Specification for terminals for electronic equipment: Part 1 General requirements and tests ( *first revision* ) '.

2. Climatic Test Severities

Temperature severity	55/85°C	10/70°C
Damp heat ( steady state )	56 days	21 days
Damp heat ( cyclic )	6 cycles	2 cycles
Low air pressure	4·4 kPa	30 kPa
Vibration	10 to 55 Hz, Duration 6 hours	
	Amplitude displacement — 0·75 mm	
Impact	500 m/s <sup>2</sup> , 5 minutes	

3. Outline Drawing and Dimensions — See Table 1.

TABLE 1 DIMENSIONS OF TERMINAL TYPE TSC 2



D*	Insulation Colour	Mounting Panel Thickness	Sealed/ Non-sealed
M5	Black or Red	1·57	Non-sealed

- Note 1** — Dimensions are in millimetres.  
**Note 2** — Unless otherwise specified, tolerances are  $\pm 0\cdot40$  mm.  
**Note 3** — Drawing depicts only general design characteristics and is not intended to limit specific manufacturing processes. Shape of insulated portion is optional.  
**Note 4** — Wire hole shall be at right angles to non-turn feature.  
**Note 5** — Insulation colour red or black.

\*Screw threads according to IS : 4218 ( Part 2 )-1976.

EXPLANATORY NOTE

This standard is based on JSS 52710-Jan 1974 ' Specification for terminals, captive screw cap and captive spring loaded ', published by Ministry of Defence. In addition to climatic severities specified in JSS-52710-Jan 1974, the climatic severities for commercial usage have been included in this standard.

Electromechanical Components for Electronic Equipment Sectional Committee, LTDC 7 [ Ref: Doc: LTDC 7 (547) ]

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